Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 26 Dec 2023 until 23:59 on Wednesday 27 Dec 2023

Forecast Issued on Monday 25 Dec 2023 at 12:50

Confidence: High for a window of quiet, settled weather during daytime on Boxing day then for it to turn more unsettled again. Lower confidence for rain or snow details from Thursday onwards.

Headline for Tuesday 26 Dec 2023: Dry and bright with light winds.

Mountain weather hazards on Tuesday 26 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Partly cloudy (night)	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Cloudy
Precipitation probability							
30%	30%	30%	20%	<05%	<05%	<05%	<05%

Forecast for Tuesday 26 Dec 2023

Weather: A few scattered showers overnight and to start the morning, wintry above 600m, but easing during the morning. Otherwise, a dry and bright day but high cloud thickening from the southwest during the afternoon. Outbreaks of rain, with snow above 600m, arriving late evening.

Chance of cloud-free hill tops above 600m: Mainly 95% but 60% overnight and early morning, then again late evening.

Low cloud and visibility: Mainly excellent visibility. Patchy cloud and fog above 400m overnight and to start the morning, then again late evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 26 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/37 W	28/38 W	26/36 W	19/27 W	11/16 W	6/8 SW	7/10 S	12/17 SE	17/25 SE
300	20/29 W	21/31 W	20/30 W	14/22 W	8/13 W	4/7 SW	4/6 SE	9/16 SE	13/23 SE
Valley	13/29 W	15/31 W	13/27 W	8/19 W	6/11 W	2/5 SW	4/8 SE	7/14 E	10/22 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	3/-4	2/-4	2/-5	2/-2	2/-1	2/-1	2/-2	1/-5
300	5/0	5/-0	5/0	4/-0	5/2	4/3	4/2	4/1	4/-0
Valley	6/2	6/2	5/2	4/1	5/3	5/4	4/2	4/2	4/0
Freezing Level*	1000m	1000m	1000m	800m	700m	700m	700m	700m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Boxing day looks set to be the most settled day of the week before a significant deterioration by Wednesday.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 25 Dec 2023	3.7mm	29.2mm	40.7mm

Forecast for Wednesday 27 Dec 2023

Weather: Rain overnight, preceded by snow above 600m. Spells of rain through the day giving drenching conditions in strong winds. Clear spells and showers in the evening, possibly thundery.

Maximum wind: Southeast 30 to 40mph gust 55mph becoming South or Southwest 20 to 30mph gust 45mph later.

Chance of cloud-free hill tops above 600m: Almost zero chance.

Low cloud and visibility: Poor for most of the time in rain or snow with extensive cloud and fog above 400m. Cloud lifting and becoming patchy in the evening.

Temperature: **Valleys:** Plus 5C rising to 11C.
At 600m: Plus 2C rising to 7C, falling to Plus 3C in evening.
Freezing level: Above summits.

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